

To: Rauscher, Jon[Rauscher.Jon@epa.gov]; Black, Ned[Black.Ned@epa.gov]; Turner, Philip[Turner.Philip@epa.gov]; OBrien, Wendy[OBrien.Wendy@epa.gov]; Keteles, Kristen[Keteles.Kristen@epa.gov]; Bhattacharya, Dipanjana[Bhattacharya.Dipanjana@epa.gov]
From: Greenberg, Marc
Sent: Fri 8/14/2015 1:30:47 AM
Subject: Fwd: with the fact sheets
[22_arsenic_feb12.pdf](#)
[ATT00001.htm](#)
[23_lead_feb12.pdf](#)
[ATT00002.htm](#)
[25_mix_concpts_feb12.pdf](#)
[ATT00003.htm](#)
[26_mixture_as-cd-cr-pb_feb12.pdf](#)
[ATT00004.htm](#)

Folks,

Passing info. I've been contacted by several colleagues expressing willingness to help. Here is one I thought you might want to see. Food for thought.

Also, Jeff Steevens of USACE-ERDC contacted me. He supported EPA on the Kingston fly-ash disaster.

Best to you all. Don't burn out
Marc

Marc S. Greenberg, Ph.D.
Deputy Branch Chief
U.S. EPA
Environmental Response Team
609-865-3924 cell

Message sent via EPA wireless device

Begin forwarded message:

From: "Reible, Danny" <danny.reible@ttu.edu>
To: "Greenberg, Marc" <Greenberg.Marc@epa.gov>
Subject: FW: with the fact sheets

Hi Marc – I figure you are knee deep in a certain river in colorado – don't you get called for anything involving a sediment?

I was talking with a friend of mine at Argonne (that does ecological and human health risk

work) and we were wondering how we could help. I figure that EPA could use a “friendly” credible outside expert these days even if they were saying the same thing as EPA.

Anyway – if you think that is the case as well Margaret (who wrote the attached fact sheets) and myself would be happy to get connected to someone who needs an outside person to help tell the “risk” and long term fate story on this. Of course if you did need someone like that, Allen would be your first choice I presume.

Hope all is well and we get to cross paths at SMWG in December

Danny Reible, PhD PE BCEE NAE

Donovan Maddox Distinguished Engineering Chair

Texas Tech University

Box 41023

Lubbock TX 79409-1023

<http://www.depts.ttu.edu/ceweb/groups/reiblesgroup/>

danny.reible@ttu.edu

Direct Line: 806-834-8050

Physical Address:

Civil, Environmental and Construction Engineering, Texas Tech University, 10th and Akron, Lubbock, TX 79409

From: MacDonell, Margaret M. [<mailto:macdonell@anl.gov>]

Sent: Thursday, August 13, 2015 7:22 PM
To: Reible, Danny <danny.reible@ttu.edu>
Subject: FW: with the fact sheets

hi & fyi !

Hope your throat gets better soon :) Margaret

From: MacDonell, Margaret M.
Sent: Thursday, August 13, 2015 7:21 PM
To: Gentry, Randall Wilson
Subject: with the fact sheets

and here they are :)

From: MacDonell, Margaret M.
Sent: Thursday, August 13, 2015 7:18 PM
To: Gentry, Randall Wilson
Subject: Animas / example fact sheets

hi Randy

1. Contaminant fact sheets

Attached are the 4 fact sheets I brought down as examples from the set of contaminant fact sheets we developed for DOE cleanup programs.

These were included in the appendix of our 2012 NFSS risk assessment for the FUSRAP Buffalo District.

As discussed, we would offer to help EPA develop a tailored set for their needs in the spill

response effort (acute/short term to longer term).

The Administrator has been emphasizing transparency – and it's really bothering me that folks on the other side have been posturing about EPA not being responsive, providing no insight, no information, ... I'd sure like to help refute that.

One of the key issues the states & others have raised regarding the spill is cumulative risk/chemical mixtures – and as you know that's our specialty! (actually 2 of the 4 attached sheets focus on mixtures.)

2. OITA IAG for Hg

I spoke with Angela this afternoon regarding the status of this IAG, and to let her know about the 9/11 target for receiving funds that Dave identified in his email.

She indicated she'd check with Marianne Bailey (who will be the project officer), and that they were planning to start in Oct so the 9/11 date shouldn't be an issue.

I asked if any OSWER folks might've come to them for advice re the tribal aspect for the Gold King spill response (Hg being one of the key metals) – and she said they hadn't been approached.

Just fyi, I'm attaching the proposed SOW (planning budget totals \$500K through FY19) – without a modification, I don't think this mechanism would work to help OSWER/other EPA folks with the spill response.

cheers, Margaret

From: MacDonell, Margaret M.
Sent: Wednesday, August 12, 2015 5:48 PM
To: Gentry, Randall Wilson
Subject: Animas River

hi Randy

I hope all's good! I stopped down a bit ago & saw your door was closed and didn't want to disturb you.

I'd love to talk with you about offering assistance to EPA for Animas River and how best to go about that (quickly) – as I'm sure you've been thinking about this too.

A few “why us?” thoughts:

1. We're independent

- We can help address credibility optics – and also serve as that “someone else” to share the load

2. We're highly qualified and highly regarded

- We're known for strong multidisciplinary teams that are tailored to meet project-specific needs
- We have decades of experience in environmental impact/risk assessment and experience with federal cleanup programs
- Our team includes NAE member & sediment expert Danny Reible (I've checked with him and he's interested in helping)
- Our experience with tribal involvement is also valuable

3. We can help right away and through the coming months & years

- They can tap our funding mechanism quickly (as I'm sure the OSWER & field folks are beat from their long hours addressing this and could use some more hands)
- Our IAG work scope is directly relevant – all 3 technical areas apply – and we've got plenty of room under our cap (we've received \$1.32M, our planning total is \$2.7M)
- We can help during this acute period, including with data interpretation and sampling design for upcoming campaigns– as we understand the types of data needed to

assess risks/impacts now

(e.g., to guide the collection of baseline data farther downriver before the slug hits)

- We can help into the longer term – with integrated environmental assessments (including eco, health, sociocultural ...) and evaluation of mitigation options

Thanks, Margaret